

# Anthony Pedrosa

UX Engineer / UX Researcher

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## Summary

Passionate UX Engineer and UX Researcher with extensive expertise in human-machine interface design, workplace optimization, and AI integration. Solid experience in teaching, innovation, and leading multidisciplinary teams. Dedicated to improving user experience and creating efficient and safe work environments. Strong skills in user data analysis and UX research methodologies.

## Experience

### Institut National des Arts et Métiers

January 2024 - April 2024

Adjunct Lecturer

- Teaching Human-Computer Interface Ergonomics to Senior Engineering Students.

### BBC Services

September 2022 - January 2024

Ergonome Organisationnel

- Analyzed working conditions and designed ergonomic work systems.
- Managed projects to improve ergonomic processes.
- Trained and raised awareness among employees about ergonomics.

### Khraal Games

September 2013 - May 2024

Entrepreneur

- Managed projects for the creation and monetization of multiplayer games.
- Coordinated multidisciplinary teams for game development.
- Designed and implemented marketing and distribution strategies for games.

### LF Conseil

September 2021 - June 2022

UX RESEARCHER

- Conducted theoretical and methodological research for mobile app mockup design.
- Coordinated user testing and analyzed feedback to improve the final product.

### LIFEBAY

September 2020 - June 2021

UX RESEARCHER

- Theoretical and methodological research for the design of mobile application mockups for chronic stress prevention "Suzan".

## Education

### Master's in Ergonomics

2020 - 2022

Ergonomics and Cognitive Engineering of Intelligent Systems  
High Honors

University of Savoie Mont-Blanc

### Bachelor's in Sociology

2019 - 2020

Honors

University of Savoie Mont-Blanc

### Bachelor's in Psychology

2015 - 2018

Honors

University of Savoie Mont-Blanc

## Skills

- Ergonomic Analysis:** Analysis of working conditions and ergonomic evaluation of intelligent systems (HMI, RNN, CNN).
- User-Centered Design:** UX methodologies, interviews, observations, usability testing, ideation workshops.
- Project Management and Communication:** Project management, coordination of multidisciplinary teams, communication with stakeholders.
- UX Theory and Methodology:** Application of theoretical concepts from psychology, sociology, and ergonomics to UX design.
- Technical Skills:** Proficiency in UX/UI tools (Sketch, Figma, Adobe XD), development of user journeys, and personas.

## Additional Skills

- Programming:** Proficiency in Java and Python, with experience in developing AI models using Keras and TensorFlow.
- Predictive AI Models:** Developed AI for breast cancer prediction (RNN), pneumonia detection from X-ray images (CNN), and a contextual AI recruiter demonstrating biases based on Klemann's theory.
- Statistical Analysis:** Experienced in conducting and interpreting statistical analyses.

## Languages

- French** (Native)
- English** (C1+ Level)